

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: ddw2@Lehigh.EDU (Dah-Jyuu D. Wang)
Subject: [3599] (fwd) INDEX LABS QRP+ RADIO FOR SALE
Message-ID: <199601301613.LAA28882@ns3-1.CC.Lehigh.EDU>

Thought someone on the list might be interested in this:

===== Original Message =====
Path: Lehigh.EDU!netnews.upenn.edu!dsinc!ub!news.kei.com!newsfeed.internetmci.com!
in1.uu.net!news.sandia.gov!tesuque.cs.sandia.gov!lynx.unm.edu!bubba.NMSU.Edu!p
c-thooker.psl.nmsu.edu!thooker
From: thooker@psl.nmsu.edu (Tracy Hooker)
Newsgroups: rec.radio.swap
Subject: INDEX LABS QRP+ RADIO FOR SALE
From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: "evans ken" <evans.ken@wgs-2.bwi.bls.com>
Subject: [3601] 160 meter QRP
Message-ID: <n1389119508.9239@wgs-2.bwi.bls.com>

For those who are interested in 160 meter QRP work, here are my results for this past weekends contest. On a bet with a friend, we limited our operation to 4 hours. I operated my four hours between 0315 and 0930 UTC on Jan 28. Method was hunt and peck - no packet cluster. I decided to work as many different states, provinces and countries as possible. Therefore I only called stations that would give me a new state, etc.

Rig was a QRP + at 5 watts. antenna-Gap Voyager (45 feet tall)

Results:

- 52 Contacts
- 28 states
- 3 provinces
- 3 countries (I worked VP9AD)

All reports were the contest 599 - sent so as not to upset the appletart!!

Some observations - The number of contacts could have been higher if I didn't choose to try to maximize multipliers. The QRP+ rx was great. I could hear (weakly) some europeans and south american stations. Both T05T and PA6A heard me as they gave a number of QRZ KJ? and 4X?, but to no avail. Although I heard many stations in the 6th and 7th call area, I was not able to work any of them (Although I did get both VE6 and VE7 - maybe canadians have better ears!)

Lesson learned. 160 is a fun QRP band. I will look into rx antennas and ways to get a better sig into europe and the west coast. By the way, I live a100" x 200" lot. Antenna suggestions are welcome.

Ken KJ4XR
evans.ken@bwi.bls.com

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: N4HUR@aol.com
Subject: [3616] A hello and some questions
Message-ID: <960130182735_131611451@emout06.mail.aol.com>

Hello Gang,

I have been a "lurker" for a couple of month's now, I am coming out of the closet now that I think I have the hang of it. First let me say that I have been a ham since 1952 (with about 30 years of inactivity in the middle), been back on the air about 10 years now and do cw and ssb on hf only. I am an electronics engineer and for many years designed electronic equipment for a living. Now that I am a consultant, I don't actually get to do anything myself, only criticise other peoples work. Not as much fun, but it pays better!

A few years ago I built the Rick Littlefield, K1BQT "Compact CW Transceiver for 20 Meters" from a Radiokit. It was fun to build and worked well. At that time I was travelling a lot and used it on both coasts to good effect with just a quarter wave length of wire out the hotel room window to a convenient support. I used another quarter wave length of wire in the room as a counterpoise. I worked Europe and South America easily from Florida (dont forget that was at the peak of the sunspot cycle). Anyway, 20 meters is not much good now for after work, and I am thinking about modifying the thing for 40 meters. Looks do-able to me. Since I am old, tired, and not as sharp as I used to be, it would be nice if someone else out there had already figured out this conversion and could help me with the info.

Secondly, I am thinking about using my OMNI-5 for QRP. You can use separate transmit and receive ports on the OMNI if you wish, and I am thinking about just building a 6 or 10 dB. attenuator to place in the transmit path for easy QRP. What I am wondering is: Would the list members consider this in the spirit of QRP, or do you have to have a small, low power rig to really be in the game?

Bob N4HUR n4hur@aol.com

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996

From: "N100Q Tom R. @ MR01 30-Jan-1996 1107" <randolph@est.ENET.dec.com>
Subject: [3598] ARGH! spur problem
Message-ID: <9601301624.AA17666@us4rnc.pko.dec.com>

QRPers,

I'm having the damnedest time getting rid of a spur in my new transmitter.

Background:

4.032 MHz xtal osc and 3 MHz VFO get mixed in a CA3028
7-11 MHz bandpass filter (wide enough for addition of 30m later on)
10 dB amp
6.5 MHz highpass filter
20 dB amp
11 MHz lowpass filter
class C amp, about 13 dB
11 MHz lowpass filter, a tight 7 element job that puts 14 Mhz 30 dB down

For all of that, I'm still getting a 1 MHz amplitude modulation of the 7 MHz output. I put in a couple of 1 MHz traps which knocked it down pretty good when using a good clean 50 ohm dummy, but as soon as I hook it up to the inverted vee, it's back again.

Now, as I recall, AM = carrier +/- modulation, so am I ever going to be rid of this without filtering 6 & 8 MHz? I really want the 30m coverage if at all possible!

=====
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
=====

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: H Smith <hbs@crl.com>
Subject: [3605] CQ NORTEX
Message-ID: <Pine.SUN.3.91.960130102323.29480A-1000000@crl6.crl.com>

Gang,

Please support the activity of your local QRP Club!

Club meetings are great times when QRP enthusiasts can share ideas, swap tales, and show off neat new rigs.

The North Texas QRP Bunch, NORTEX will be meeting this Saturday, Feb. 3, at 10 AM. The meetings are held at Chuck Adams' (K5F0) place of business in Addison, TX.

Directions to the meeting are:

First floor of the building on the southeast corner of Arapaho and Addison Rd. It's one block north of Beltline. Quorum Centre is the name of the building - three stories glass and brick.

Come into the main entrance and follow the signs to the SGI Training room.

CU There,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: dedinger@ix.netcom.com (Dennis Edinger)
Subject: [3607] CW on emergencies
Message-ID: <199601302018.MAA07915@ix12.ix.netcom.com>

Recently there was a note that during emergencies one ham had not heard anyone requesting that they go to cw.

During the "Great Granada War" one US ham was communicating from the dorm on SSB with a 5/9 signal into Chicago (it was an emergency and the band cleared for the guy with the best ability to handle the traffic) and was describing what was going on. Unfortunately this did not synch with the DOD propaganda released to CNN. The Navy tried to jam him and the Marines went ashore and cut the power to the dorm. The ham switched to qrp cw (on a battery) and qsy'd every often to avoid being caught by Navy RDF (talk about a foxhunt) and still got his traffic through until the dorm was captured and his equipment was confiscated by the military. As I recall President Regan also tried to revoke his license, but was unsuccessful as he had broken no law or regulation.

I think this type of story can be confirmed by vets like me who have operated legally from overseas duty posts and found our accurate speech politically incorrect (long before the term was popular) and were jammed by "friendly" qro/qrm. Even a qro carrier on a cw signal can produce fsk (frequency shift keying) and most experienced cw ops can copy through it with little problem.

72/73

de NTOL
Dennis

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: ji3m@scubed.com (James R. Duffey)
Subject: [3593] Final Fox Tally for KK6MC/5; 38 Hunters
Message-ID: <v02130500ad33de1bd75b@[192.31.66.224]>

Well, as I suspected, I made several errors in transcribing my notes and sending them over the net. Chuck is right; if this is difficult paper work, Several pointed out errors to me, I also found a few on my own. I have reviewed my Fox transcript and made the following corrections; W5HNS becomes W5KNS, W3PMW becomes W3PM, I grafted the first half of KC4EWT's report onto the last half of AE4IC's, and KQ6AG became KQ6AQG. The final report follows;

| Time (UTC) | Station | His RST | My RST | QTH |
|-------------|---------|---------|--------|----------|
| 7108 | | | | |
| 0103 | VE7CQK | 579 | 579 | BC (Can) |
| 0105 | WA9PWP | 559 | 469 | Wis |
| 0107 | W5HNS | 559 | 559 | Texas |
| 0110 | KB9IUA | 559 | 479 | Il |
| 0117 | W3PM | 559 | 479 | Ala |
| 0120 | N9XVZ | 339 | 559 | Wis |
| 0122 | W6ZH | 579 | 599 | Ca |
| 0125 | K6VNX | 579 | 599 | Ca |
| 0127 | AB6DG | 549 | 589 | Ca |
| 0129 | N6ULU | 559 | 559 | Ca |
| 0133 | K06KA | 569 | 579 | Ca |
| 0144 | K9DZE | 579 | 559 | In |
| 0148 | WB4TPW | 539 | 589 | Or |
| 0152 | KC2DU | 339 | 339 | wNy |
| 0155 | NN9K | 559 | 559 | Il |
| QSY to 7043 | | | | |
| 0204 | KB8LFQ | 559 | 559 | Mi |
| 0207 | AA6XZ | 549 | 559 | Ca |
| 0215 | AE9F | 559 | 559 | Ca |
| 0218 | WB9LKC | 579 | 449 | Wis |
| 0222 | WB5QMP | 559 | 579 | Id |
| 0227 | WD9EYB | 569 | 529 | In |
| 0234 | KV2X | 549 | 529 | NC |
| 0240 | AK5B | 569 | 559 | Tx |
| 0245 | K2NF | 339 | 539 | Fl |
| 0248 | KC4EWT | 339 | 339 | VA |
| 0251 | AE4IC | 339 | 529 | NC |
| 0255 | KC5EQC | 559 | 569 | Ok |

| | | | | |
|------|-------|-----|-----|------|
| 0300 | K8DD | 559 | 569 | Mi |
| 0305 | KK5RO | 579 | 559 | Ok |
| 0310 | NU6U | 579 | 569 | Ca |
| 0318 | N8VAR | 549 | 449 | Ohio |
| 0324 | KQ6AG | 229 | 539 | Ca |
| 0329 | KF5IU | 559 | 569 | La |
| 0336 | WT7F | 579 | 579 | Ca |
| 0339 | N50CD | 559 | 579 | La |
| 0347 | AB5UA | 559 | 559 | Ok |
| 0353 | N6WG | 569 | 569 | Ca |
| 0359 | AC6IY | 449 | 449 | Ca |

If there are errors or omissions remaining, let me know. I think that this is pretty clean. This was transcribed quickly from notes and my running log, so there are possibilities for errors in handwriting and typing. I did find my missing QSO, so I finished with 38 QSOs. It was a nice evening of fun. Wish I could do it again. Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: Dale Hall <102603.30@compuserve.com>
Subject: [3617] FS: OHR CLASSIC
Message-ID: <960131004748_102603.30_HHU71-1@CompuServe.COM>

I still have the OHR CLASSIC for sale. It has the built-in keyer and the power cord. It is in excellent condition. The xtal filter and audio filter are VERY narrow, great for hunting the FOX in crowded band conditions. \$175.00/u pay delivery (abt \$10.00 with insurance).

The QRP-L has the ad first. Later, I will be listing it with the "QRP Recyclers" newsletter.

de Dale KB0WZ #148 Kansas City

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
Subject: [3609] GEAR F/S

Message-ID: <9600308230.AA823042023@smtpgw.ccgate.dl.nec.com>

Gang:

Well, my last few days of email have really been trashed here. Don't know if my provider is out to lunch or what, but I'll re-post my offerings:

Wanting to buy a QRP Plus rig. Offering my rigs here to see if anybody might be interested in some good stuff. All equipment is in excellent condition, no mods, etc. have original boxes and manuals/docs. All equip. used in the shack only, no field ops or mobile. I will ship via UPS or Priority Mail, your call.

MFJ-9020 20M cw xcvr. 1 yr old. Ex. condition.
No drifting, no mods, etc. Used as my
main rig. \$ 125.00

MFJ-9420 20M SSB xcvr. 1 yr. old, only mod was to
add a headphone connection. Includes a
comptable R/S mic. Has S meter, speech
processor, Used very little, but really is
a neat radio, worked U.S. and DX. \$200.00

OHR EXP II 40M cw xcvr. Only 2 months old. Built,
aligned, ready to operate. You've read about
these hot rigs here on the list. \$100.00

MFJ-407C Deluxe keyer. Only 6 mo. old. Nice keyer unit
with external volume, speed, tone, and weight
controls. Built in spkr for off air practice.
Original price \$70.00. Includes 12V adapter.

MFJ-722 CW/SSB active notch filter. Nice little filter
with internal 2 watt audio amp. CW filtering
in steps of 180, 150, 100, 80 Hz. Variable
notch filter for SSB. Includes 12V adapter.
Original price \$70.00

Will sell both keyer and filter for \$100.00 OBO.

Sorry if this is a duplicate post, but my incoming/outgoing email has really been hosed-up here.

72/73 de Dave KK5HA
QRP-L #25

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Dale Hall <102603.30@compuserve.com>
Subject: [3592] HELP: QRP Newsletter
Message-ID: <960130133019_102603.30_HHU51-1@CompuServe.COM>

Someone asked me if he could list my OHR Classic transceiver in a QRP newsletter. I have misplaced that piece of e-mail.

Would you please e-mail me again?

TNX Dale KB0WZ

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Aa4xx <aa4xx@nando.net>
Subject: [3584] Knightlites QNS
Message-ID: <Pine.SUN.3.91.9601300002850.18050D-1000000@bessel.nando.net>

Hi Gang,

A number of folks showed up for the Sunday night Knightlites net on 3710 KHz. It was fun listening as folks checked in with QRPP for the special "Wee-di-dit" session. Gary, N3GO, from Raleigh won the prize for lowest power QNI with his 10 mW entry. He tried to QNI with 1 mW, but all we could hear was ???G. Thanks to all who made for some good "on the air" fun and fellowship. It was especially interesting to hear big signals from W-1 and W-2 land QRPers. Bill, WB0CLD, also had a good signal.

This coming Sunday, Feb. 4th, WA4NID will be the Net Control Station. It's going to be a full moon, so who knows what to expect! :-). We hope to hear you then. That's 3710 KHz at 10PM EST (0300Z).

Here's the QNS Report for last Sunday night:

| Name | Call | State | Power | RST |
|-------|--------|-------|--------|-----|
| Ralph | AA6UL | VA | 500 mW | 579 |
| Ken | N1QQV | CT | 1 W | 559 |
| Bill | WB0CLD | MO | 5 W | 439 |
| Roger | KS4VX | NC | 5 W | 559 |

| | | | | |
|--------|--------|----|-------|-------|
| Dan | KC4EWT | VA | 1 W | 449 |
| Lee | W5TEH | RI | 5 W | 349 |
| Warren | AD4ZE | NC | 1 W | 599 + |
| Joe | KB8LFQ | MI | 1 W | 339 |
| Gary | N3GO | NC | 10 mW | 119 |
| Fran | KA3WTF | PA | 5 W | 449 |
| Nick | KF2PH | NY | 2 W | 579 |
| Jim | W1FMR | NH | 5 W | 589 |
| Paul | AA4XX | NC | 5 W | (NCS) |

72 to all,

Paul Stroud, AA4XX (Raleigh, NC)

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
 From: km@PACT.ORG.PE (Kris Merschrod)
 Subject: [3589] milli-wattting
 Message-ID: <m0thERq-0000TuC@rcp.net.pe>

Only last night,

A friend (OA4CPI) and I were on 40 meters sending greetings to his XYL up in Quito. He is only about 1000 feet away -- also on about the 16th floor with a vertical. After the greetings we just turned the rf gain down all the way - no action on either watt meters. Rigs - TenTec Delta II and one of those big old FT monsters on his part. Processors off too. Signals were still about 6 or 7 on the S-meter, but noise levels were up there too.

Here is the interesting part -- by turning the RF gain on the receiver back to zero it was like an FM Squelch. When he did not transmit no hiss nor noise, upon transmit he came in as clear as a bell.

Lesson, for using "only as much power as necessary" most in-town QSOs could just turn off the finals!

Kris

OA4DB0

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: John Mckee <jmckee@rfmd.com>
Subject: [3590] misc qrp stuff
Message-ID: <199601301304.IAA80641@nss2.CC.Lehigh.EDU>

Gang,

I'm looking for a few bits (or is that dits?) of information.

1. Does anyone have an address for JAN crystals or any other supplier of crystals?
2. What is a Pixie? I have heard references to it but have never actually seen one.
3. Who has experience with small loop antennas for transmitting and receiving? I am looking for any info I can find. What are your opinions?

Please reply to: jmckee@rfmd.com

Thanks and 72

John WB40FT

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: RUNK@accuwx.com
Subject: [3583] Most expensive qrp rig!!...
Message-ID: <01I0LY6HC30YBEX4HU@accuwx.com>

Just thought the gang might enjoy knowing the IC-765 can be turned down to run between 2-30w by R-138 underneath on the "main PCB" nearest the PCB edge. I have the service manual and makes a simple adj. for qrp!. 72's -dave -aa3ej
Runk@AccuWx.com

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [3585] N8ET Coming to MD--plans

Message-ID: <1996Jan29.231343.28398@abs.net>

Re visit of Bill Kelsey, N8ET to the Maryland Milliwatts turf--things are firming up. We'll all meet at the Silver Diner on Rockville Pike in Rockville on Wednesday night, 1800 to 1830 hours or thereabouts. Rockville, MD, is just outside of the Washington beltway, in the north/northwest area, and Rockville Pike is a direct exit; I think it's also called Route 355, but I don't guarantee it. We'll probably be there for at least an hour and a half, for supper and QRP discussions. (There won't be any meeting at the hotel this time.)
>From what I understand, it's near the intersection of Rockville Pike and Montrose/Randolph Road, on the DC side. (This area is infamous for roads changing names at intersections.) It's in front of a shopping plaza of some sort, on the left side of the road if you're driving away from DC. (It's the same place where we hosted N00CT last year.) If you get onto Rockville Pike from the beltway, head away from DC, not towards it.

Probable attendees include WA8MCQ, W6TOY, KA3ZOW, and possibly K3TKS and NF3I. Anyone else who wants to come is welcome, too, and even if you're late, that's OK. If you want to let someone know you're coming or ask for instructions, etc, you can call Bruce Muscolino, W6TOY, at work at 703-892-9420, ext 285. You can also call me at work, but don't expect the instructions to be as good as Bruces; I'm at 301-621-3340, which is a DC metro number, or if you prefer a Columbia number, try 410-290-1919. Ask for "Mike Ski", or just stumble over the last name and they'll know who it is. Since there's no guarantee that either of us will be able to check our e-mail frequently (or at all) in the next couple days, your best bet is to call.

You can bring along anything for Show and Tell if you want.

73 and Queue Our Pea DE WA8MCQ wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net

E-Mail: Mike.Czuhajewski@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996

From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>

Subject: [3622] OHR Classic for sale

Message-ID: <310ed903.pandora@pandora.lugs.org.sg>

Hi,

I'm strapped so I want to sell my OHR Classic. This has been modified to include an additional audio amplifier and internal speaker as well as a filter bypass switch. I guess I can sell it at US\$150 if you pay shipping or \$175 if I pay shipping.

73 de 9V1ZV Daniel

--

Daniel Wee | daniel@pandora.lugs.org.sg
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: bhopkins@polarnet.com (Bruce Hopkins)
Subject: [3586] OHR Group Purchase Alert...
Message-ID: <v01530502ad3365472f06@[204.119.24.165]>

Hi Gang...

Warm up your irons and watch the mail-drop... My Explorer II/20m and WM-1 arrived today in Fairbanks... Can yours be far behind... Have fun !!!

72/73/00's - Bruce * KL7JAF
QRP-L #380 ISSB #14548
McPig #003 TFO - 359
E-Mail: bhopkins@polarnet.com
BBS: KL7JAF@KL7GNG.#NAK.AK.USA.NOAM
Snail Mail: B. Hopkins / P.O. Box 10079 / Fairbanks, AK. / 99710

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996

From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [3614] R/S DSP
Message-ID: <199601302254.AA20308@aplo1.spd.dsccc.com>

QRP'ers,

I used my Radio Shack DSP last nite to copy W1AW.

This was the first time I have used it.

I could not copy W1AW without it.

Sounded like somebody was tuning a chain saw across the whole 40m band. The DSP removed almost all of the chain saw.

Somebody else reported that it did not ring, even in the narrow filter position. I can confirm that their report is accurate. I have built CW filters using surplus telephone toroids (commonly 44mh) and caps, and those things ring.

Until stock is depleted, Radio Shack is selling them for \$39.95. That is about 40% off. If you can still find one, it is a good buy.

73, Charles Cashion

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+ - - - - - +
| Charles Cashion      w.214-519-2583      h.214-881-0952 |
| KC5SNU(24jan96)  ARRL  NorTex#116  NorCal#1320  QRP-L#76 |
| UNIX *IS*  user friendly....                      |
|                                     It is just picky about its friends. |
+ - - - - - +
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From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: rxd7@hunny.INS.CWRU.Edu (Richard A. Dell)
Subject: [3606] RAMSEY 20 METER AMP
Message-ID: <199601301915.OAA28141@rabbit.INS.CWRU.Edu>

DAVE,

To answer you question about Ramsey's 20 meter amp, I can say it works very well.

In order to get the full 20 watts you will need to drive it with 2+ watts. I drive mine with the Ramsey 20 meter transmitter which puts out about 1 watt. This gives me about 11 watts out. Incidentally, I use a Ramsey 20 meter DC receiver with the combo.

As far as construction is concerned, it goes together easily, and mine

worked the first time round.

73, Dick, WD8ISB
Richard A. Dell
8085 Wren Drive
Macedonia, Ohio 44056

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
Subject: [3595] RAMSEY LINEAR KIT
Message-ID: <9600308230.AA823023897@smtpgw.ccgate.dl.nec.com>

Folks:

Does anybody have experience with the little
20w linear amp that Ramsey kits sells?

Does it work well for both CW and SSB? While not
a QRP subject, the amp is attractive for times
when condx are extra tough.

Can somebody send along Ramsey's addr.

Thanks much

72/73 de Dave KK5HA

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [3588] Swamp sloper
Message-ID: <m0thERp-0000PdC@rcp.net.pe>

No experience in the 1/2 wave fed from above, but I've been
modeling a City Version using Roy Lewellyn's ELNEC. My windowsill is
1/4 wave on 160 mtrs above the parking lot. The building is
reinforced concrete. So it seems logical to feed a 1/4 wave sloper
from above (not too many of us would look down upon a 1/4 wave sloper
on 160 mtrs :>{) !), using the building as a reflector or at least a
shield

and then ground it at the feed point to the iron pipes right at the windowsill (Laundry is only 10 feet from the shack -- really what would be the maid's room).

The best angle is between 15 & 22 degrees (See Tech Notes in FEB QST -- At least I've been told that the FEB issue will have my observations on dipole slopers off a tower); the F/B ratio is only about 3 dBi (but with propagation these days who wants to reject signals???), The gain is only about 1 dBi in the modeling so far, but the angle of radiation is low -- less than 29 degrees and that is where the pay off is considering the alternatives.

In the end, the main thing is to get the wire out there, but I would not terminate it in the swamp. Depending on the slope and distance from the bank (also the composition of the bank) there may be some gain and the angle of radiation should low. For sure there will be some F/B, but if it is aimed over a lake it should project out over it.

On the idea of a Vee beam, it probably hold more promise of gain over the sloper. There is a basic premise -- more quarter waves out there, the better!

Good luck,

Kris
OA4DBO

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: W Marty Ray/DELCO <WMRAY@mail.delcoelect.com>
Subject: [3611] Topband List
Message-ID: <9601310023.AA0748@lnusde.delcoelect.com>

I've had several requests for info on the Topband Reflector. Here is what I got when I subscribed.(just change unsubscribe to subscribe)

>Welcome to the topband mailing list!
>
>If you ever want to remove yourself from this mailing list,
>send the following command in email to
>"topband-request@frontier.net":

>
> unsubscribe
>
>Or you can send mail to "listadm@frontier.net" with the following command
>in the body of your email message:
>
> unsubscribe topband [your name and email address]

If this doesn't work, maybe there is someone else on the list who can help.

72 de Marty Ray, NN9H

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [3603] Whiterook address
Message-ID: <199601301804.AA19816@aplo1.spd.dsccc.com>

Michael Connor <mikec@primenet.com> asked,
"Anyone have Whiterook's phone # handy?"

I do...

Whiterook Products Company
309 S. Brookshire Ave
Ventura, CA 93003
805-339-0702

Charles Cashion

--

```
+ - - - - - +  
| Charles Cashion      w.214-519-2583      h.214-881-0952 |  
| KC5SNU(24jan96)  ARRL  NorTex#116  NorCal#1320  QRP-L#76 |  
| UNIX *IS*  user friendly.... |  
|                               It is just picky about its friends. |  
+ - - - - - +
```

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Michael Connor <mikec@primenet.com>
Subject: [3597] Whiterook Phone#
Message-ID: <199601301621.JAA12158@usr3.primenet.com>

Anyone have Whiterook's phone # handy?
Thanks,

Mike
NQ7K
Qrp-L #47

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: W Marty Ray/DELCO <WMRAY@mail.delcoelect.com>
Subject: [3608] Re: 160 meter QRP
Message-ID: <9601302330.AA0516@lnusde.delcoelect.com>

Ken, I subscribe to the Topband reflector and I also operate 160m (using 100 watts). There are two antennas that I would recommend. My first recommendation, and probably the best, would be an inverted "L". I have a full size dipole up 30 feet and a local ham has an inverted-l and he blows me away at any distance. His "L" is 40 feet tall with the rest of the 1/4wave made up in distance. He made his antenna a little long and feeds it with a series variable capacitor.

My second recommendation is a one wavelength 80 horizontal loop, fed at a corner with coax, using a tuner. That was my previous antenna, and I found it to work really well on 160 with the center conductor and shield shorted at the tuner. I'm sure it would work even better with a few radials. (The inv-l needs a few radials too. My friend has 10 or so at varying lengths.) The loop is good because it performs well on the higher bands too.

Hope this helps!

72 de Marty Ray, NN9H

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [3615] re: ABX modification for the Sierra
Message-ID: <v02130502ad344ff323c5@[199.170.106.28]>

>One final question regarding the placement of the 39 uH choke...
> -Paul, N9AZ

Paul, the choke must be inserted in series with the BFO crystal, X6 (not in series with the BFO trimmer, C16). I think there's only one trace going from pin 6 of the product detector to X6, so that's the trace to cut.

By the way, if you don't have a 39uH choke (or even close), you can use 27 turns #28 or #26 on an FT37-61 toroid core. I haven't tried this yet, but

that should be the right inductance, and it will be much higher Q than the choke.

73,
Wayne
N6KR

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [3612] Re: ARGH! spur problem
Message-ID: <Pine.LNX.3.91.960130133322.3413A-100000@dt1.datatamers.com>

Tom,
It appears that there is nothing to stop 8.064MHz (2X4.032MHz), out of the mixer, from going right through all of the amps and filters. It can easily combine with 8MHz in the PA to create 6MHz, too. I would try an 8.064MHz trap between the CA3028 and the 7-11MHz BPF.
72, Dave, W6EMD

On Tue, 30 Jan 1996, N100Q Tom R. @ MR01 30-Jan-1996 1107 wrote:

> QRPers,
>
> I'm having the damndest time getting rid of a spur in my new transmitter.
>
> Background:
> 4.032 MHz xtal osc and 3 MHz VFO get mixed in a CA3028
> 7-11 MHz bandpass filter (wide enough for addition of 30m later on)
> 10 dB amp
> 6.5 MHz highpass filter
> 20 dB amp
> 11 MHz lowpass filter
> class C amp, about 13 dB
> 11 MHz lowpass filter, a tight 7 element job that puts 14 Mhz 30 dB down
>
> For all of that, I'm still getting a 1 MHz amplitude modulation of the 7 MHz
> output. I put in a couple of 1 MHz traps which knocked it down pretty good
> when using a good clean 50 ohm dummy, but as soon as I hook it up to the
> inverted vee, it's back again.
>
> Now, as I recall, AM = carrier +/- modulation, so am I ever going to be rid
> of this without filtering 6 & 8 MHz? I really want the 30m coverage if at

> all possible!

>

> =====

> Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com

> =====

>

>

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996

From: Pat Taber <ptaber@logiccraft.com>

Subject: [3610] Re: CW on emergencies

Message-ID: <199601302132.QAA73147@nss2.CC.Lehigh.EDU>

At 15:20 01/30/96 EST, you wrote:

>Recently there was a note that during emergencies one ham had not heard

>anyone requesting that they go to cw.

>

<War story deleted>

I don't see what one has to do with the other. Your typical hurricane or flood doesn't get a lot of military jamming and battery operation isn't something exclusive to CW. Besides -- I can't help but think your subject would have done better with AMTOR or packet (like the guy hiding out in Kuwait during Desert Storm.)

>>>==>PStJTT

=====

Patrick Taber Email: ptaber@logiccraft.com

Principal Software Engineer Phone: (603) 880-0300

Logiccraft Information Services Fax: (603) 880-7229

22 Cotton Road

Nashua N.H. 03063

Also known as: KC1TD

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996

From: paul1@wizard.ucs.sfu.ca (Paul Erickson)

Subject: [3613] Re: CW on emergencies

Message-ID: <9601302236.AA16955@wizard.ucs.sfu.ca>

Hi Pat

>

> At 15:20 01/30/96 EST, you wrote:

> >Recently there was a note that during emergencies one ham had not heard

> >anyone requesting that they go to cw.
> >
> <War story deleted>
>
> I don't see what one has to do with the other. Your typical hurricane or
> flood doesn't get a lot of military jamming and battery operation isn't
> something exclusive to CW. Besides -- I can't help but think your subject
> would have done better with AMTOR or packet (like the guy hiding out in
> Kuwait during Desert Storm.)

My concern with your position is the apparent over reliance on technology.
Have you seen James Burke's series "connectionVC]" and the episode which
deals with the blackout in the N.E. U.S. back in the 70's (I believe).
I will come back to this.

While technology (read digital) is wonderful. The more we rely on technology
in emergencies the more vulnerable we are. I don't know what your background
in dealing with emergencies is, but I am a shift supervisor/O.I.C. in a
maximum security institution which has a great deal of technology as
part of the infrastructure, however our contingency planning includes
the ability to function if all the electronic technology breaks down.
ie. we can run the whole place with staff and that very old technology
keys. With the technologies you advocate, they require another layer of
technology to make them intelligible to humans. I'm not aware of anyone
who has trained themselves to be able to read/understand AMTOR or packet
unassisted. When those translating devices malfunction, the mode becomes
useless. With morse code, even if my radio is out of commission, I can still
communicate over distances greater than my voice alone will allow, with a
flag, light etc.

In my view, cw is to ham radio (read emergency communications) what
keys are to my facility, what the plow is to civilization (see "connections"
above), what the foot soldier is to the army, what the alphabet is to
language. An essential fundamental building block.

While technology allows use to do many wonderful things, we had best be
cautious of becoming too dependant on it.

My apologies for the bandwidth.

cheers, Paul
VE7CQK
email: paul11@wizard.ucs.sfu.ca

>
> >>>==>PStJTT
>
> =====
> Patrick Taber Email: ptaber@logiccraft.com

> Principal Software Engineer Phone: (603) 880-0300
> Logiccraft Information Services Fax: (603) 880-7229
> 22 Cotton Road
> Nashua N.H. 03063 Also known as: KC1TD
>
>
>

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Dick G0BPS <Dick@kanga.demon.co.uk>
Subject: [3587] Re: LOOPS AND OTHER ANTENNAS
Message-ID: <fJgtsFAw\$TDxEw2M@kanga.demon.co.uk>

Hi Gang,

In my old QTH in the middle of town I had a three storey house and a small garden. The main 160/80m antenna was a full size vertically polarized 80m loop slightly loaded on the vertical side away from the house. It worked very well on all bands with the ATU. I also tried a 40m delta loop but this time horizontal at about 30ft AGL. Ground was 2ft soil then chalk. It also worked well getting s9 reports from VK on 20m. A commercial dipole under review was switched in to get 'where have you gone?'

I have a small plot here of 1/8 acre, bought another 1/8 today so will have a big loop around the 1/4 acre very soon.

I stayed with Doug, W1FB a couple of years back, his loops are big!

TTFN de Dick

Dick Pascoe G0BPS / G0R00 KANGA PRODUCTS
The UK's Leading supplier of QRP kits.
Email to: Dick@kanga.demon.co.uk

All comments made here are permitted
and condoned by the boss
I AM THE BOSS!

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Paul Christensen <PaulC@jax.se.continental.com>
Subject: [3591] RE: misc qrp stuff
Message-ID: <310E469E@se.continental.com>

>1. Does anyone have an address for JAN crystals or any other
> supplier of crystals?

1-800-JAN-XTAL

-Paul, N9AZ

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: KFGlynn@aol.com
Subject: [3594] Re: misc qrp stuff
Message-ID: <960130102249_307245558@emout07.mail.aol.com>

Hello John,

Rob Capon wrote an article in QST regarding small loops for portable QRP work. I wrote Rob couple of month ago on this and he quickly answered me with additonal tips. Rob's e-mail address is robcap@aol.com.

GL es 73 de Kevin KB2TE0

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [3620] Re: QRP Field Day?!
Message-ID: <Pine.OSF.3.90.960130210234.15595A-100000@govonca2.gov.on.ca>

I say this with all modesty, but of all the Canadian stations in FD in 1995 and 1994, the Durham Region QRP Club FD station has the highest score both years, hence 'won' FD in Canada. Of course, you cannot 'win' what is not a contest, right?
Anyhow, I was not there last year due to work scheduling, so I can say this without a halo on, but it was just plain long hours, good cw and contest skills, some decent antennas (though not great ones, and not high at all nor is the site). QRP does work.

And, BTW, due to (maybe) my enthusiastic meeting 'talk' to my other local club here, after almost 50 years of qro operation, after hearing my qrp 'lecture' the other club went qrp as well and came in 2nd or 3rd in the standings.

Guess where the heat is going to be this June?

I've got my ups charged up and ready to have the batteries yanked out for FD.

Brien
Toronto

pepperb@gov.on.ca

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: Larry East <LVE1@inel.gov>
Subject: [3602] RE: QRP+ Archive
Message-ID: <9601301700.AA23247@garnet.inel.gov>

Just received the 100+K three-part email with the QRP+ Archives. Guess I misunderstood the original posting; I thought this just covered mods for the QRP+, rather than every QRP+ related message ever posted on QRP-L (including several of my own). I only found 3 or 4 mods in the whole thing; already had the info on all but 1. Since the one I didn't know about is one that I am definitely interested in, guess it was worth while digging it out. Thanks.

72, Larry.

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: Russell W. White <ruswhite@netzone.com>
Subject: Re: QRP+ Archive

I've included the following info which may or may not be news to you.
73 Russ AB7JX

>Does the Index Laboratory's QRP+ have a general
>coverage receiver? If not, what kind of coverage
>does it have?
>
>KA2GSL
>

The QRP+ will receive 1.8Mhz to 29.7Mhz. In a few weeks a new and improved model of the QRP+ will be out. The new price will be \$695 + \$10 s&h. The new model will have a hotter receiver, better AGC and a speech processor along with new firmware. There are probably other improvements and some of the boards have been redesigned. Cost to upgrade an existing QRP+ will be about \$250.

I called Index Labs last week and that's how I picked up this info. The speech processor is being added because there has been quite a bit of

interest in operating sideband. Originally the radio was geared for CW.
Thats about it for what I know. In a few days I'll probably phone
in an order for one of the newer models.

73 Russ AB7JX

```
|*****|
| Russ White AB7JX (ex WB1GQG) QRP-ARCI NORCAL NEQRP |
| Phoenix AZ QRP-L #179 ARRL ARRL-VE |
|*****|
```

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: cebik@UTK.VX.UTCC.UTK.EDU
Subject: [3621] Re: QRP+ Archive (fwd)
Message-ID: <Pine.PMDF.3.91.960130213703.543464945B-100000@utkvx.utk.edu>

Received this from AB7JX--may be of interest to present and prospective
QRP+ owners.

-73-

LB, W4RNL

----- Forwarded message -----

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: FCNebraska@aol.com
Subject: [3618] Re: QRP-L trivia
Message-ID: <960130201743_307726420@mail02.mail.aol.com>

Hi Jim and all,

I just wanted to make a small correction KB0TTP is now an Advanced class
operator.

One of three in Nebraska.

I am the youngest on QRP-L too, at age 13.

tnx,
Andy
KB0TTP/AA

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: "Mitch, WA40SR" <fmitch@maf.mobile.al.us>
Subject: [3619] Re: QRP-L trivia
Message-ID: <Pine.SOL.3.91.960130193649.7708A-100000@ns1>

On Tue, 30 Jan 1996 FCNebraska@aol.com wrote:

> Hi Jim and all,
>
> I just wanted to make a small correction KB0TTP is now an Advanced class
> operator.
>
> One of three in Nebraska.
> I am the youngest on QRP-L too, at age 13.
>
> tnx,
> Andy
> KB0TTP/AA
>

congradulations andy!!!! send me your mailing address and i will
send u a vibroplex trinket for getting your advanced!!!

mitch
wa4osr

* * * The *HAM OWNER* of The Vibroplex Co., Inc. * * *

Email: fmitch@maf.mobile.al.us Felton "Mitch" Mitchell, WA4OSR
The Vibroplex Co., Inc.
11 Midtown Park, E.
Mobile, AL 36606-4141 USA
334-478-8873 Vibroplex, 334-342-7259 home, 334-476-0465 FAX

From qrp-l@lehigh.edu Tue Jan 30 22:15:40 1996
From: scicior@cp.uswc.uswest.com (Steve Ciciora)
Subject: [3600] Re: RAMSEY LINEAR KIT
Message-ID: <9601301642.AA13630@sp5-316.nts.uswest.com>

<snip>

> Does anybody have experience with the little
> 20w linear amp that Ramsey kits sells?
>
<snip>

This was disscussed a few months ago. The result is, it's not a very
good kit (I think the instructions are wrong). Someone here 'improved'

it for himself (new pcb, different parts). I don't have direct experience with Ramsey kits (never built one), but have bought a lot of their instructions (\$5 each except for transceivers) just to see how they work.

If you are interested, I can 'lend' you my instructions (it's got sch, pcb layout, etc) and you can decide for yourself. Email me directly if interested.

-Steven Ciciora

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: kellner@usa.acsys.com (Richard G. Kellner)
Subject: [3604] Re: RAMSEY LINEAR KIT
Message-ID: <9601301815.AA05834@usa.acsys.com>

> Does anybody have experience with the little
> 20w linear amp that Ramsey kits sells?
> ... stuff deleted

>
> Thanks much

>
> 72/73
> de
> Dave
> KK5HA
>

Dave, there was some discussion about this a while back on this list. I've used the Ramsey 20m amp and the Hands amp which Bill Kelsey of Kanga Products sells. I would by far recommend the Hands amp ... it's \$10 more, if I remember correctly, and you need to build a simple LPF for whatever band you select, but it's the only way to go in my opinion. If you want more details, please e-mail me direct.

73, Rich W5RXP

PS I have no connection with Kanga except for liking their products.
I have nothing against Ramsey products.

From qrp-1@lehigh.edu Tue Jan 30 22:15:40 1996
From: mack@mails.imed.com
Subject: [3596] Re:Real Man's Call Sign
Message-ID: <9600308230.AA823024851@mails.imed.com>

While in Dallas for Microwave Update, I saw a license plate on a

Caddillac. It takes a REAL man to have this call: WB5TVI !

Ray

WD5IFS

mack@mails.imed.com